

6

5

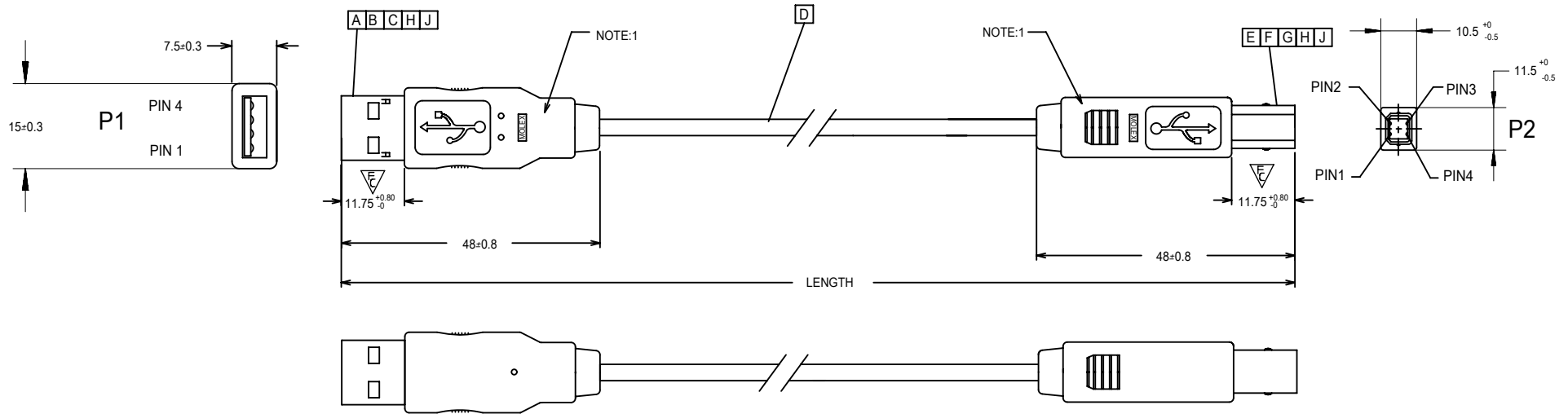
4

3

2

1

REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
651178	2020/12/11	D	ADDED PART 887329200 ON DRAWING	CISSY



887329200	USB 28#/24# FROST WHITE	2090+0/-40	887808238	887800043
887329002	USB 28#/28# BLACK	820+0/-30	887808218	887800019
887329020	USB 28#/24# FROST WHITE	820±15	887808243	887800043
887329202	USB 28#/24# BLACK	2090+0/-40	887808239	887800019
887328100	USB 28#/24# FROST WHITE	1800+0/-30	887808238	887800043
887328000	USB 28#/26 # FROST WHITE	1000+0/-30	887808204	887800043
MOLEX P/N	DESCRIPTION	LENGTH	CABLE P/N	PVC P/N

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
	DIMENSION UNITS	SCALE		CURRENT REV DESC:					
$\nabla_A = 0$	mm	NTS		EC NO: 651178 DRWN: CWANG49 CHK'D: CWANG49 APPR: LHUIU 2020/12/11 2020/12/11 2020/12/11					
$\nabla_E = 2$	GENERAL TOLERANCES (UNLESS SPECIFIED)								
$\nabla_F = 0$		MM	INCH						
	4 PLACES	±	±						
DIVISIONAL SYMBOLS		3 PLACES	±	±	INITIAL REVISION: DRWN: XHLEI APPR: BORON 2006/01/20 2006/01/20				
		2 PLACES	±	±					
		1 PLACE	±	±					
		0 PLACES	±	±					
		ANGULAR TOL	±	°					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
				A4-SIZE	88732	SD-88732-002	PSD	001	D
						SEE TABLE	GENERAL MARKET		SHEET NUMBER
									1 OF 2

# molex

USB A-B CABLE ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS | P1 | RELEASE DATE | 2020/12/11 | 07:30:05

6

5

4

3

2

1

NOTE:1

1.MOLDED WITH PVC RESIN P/N:SEE TABLE

2.ELECTRICAL PERFORMANCE:


- 2.1 DIELECTRIC STRENGTH
- 2.2 INSULATION RESISTANCE
- 2.3 CONDUCTIVE RESISTANCE
- 2.4 CABLE IMPEDANCE
- 2.5 ATTENUATION
- 2.6 PROPAGATION DELAY
- 2.7 SIGNAL PAIR SKEW

REFER TO ES-003 ELECTRICAL SPECIFICATION FOR DETAILS

3.THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

J	COPPER FOIL		2		
H	TERMINAL		8		
G	HOUSING 887809085		1		
F	REAL SHELL 887809082		1		
E	FRONT SHELL 887809081		1		
D	USB CABLE SEE TABLE				
C	REAR SHELL 887809084		1		
B	FRONT SHELL 887809083		1		
A	CRIMP HOUSING 887809086		1		
PIN ASSIGNMENTS		ITEM	DESCRIPTION	L	QTY.

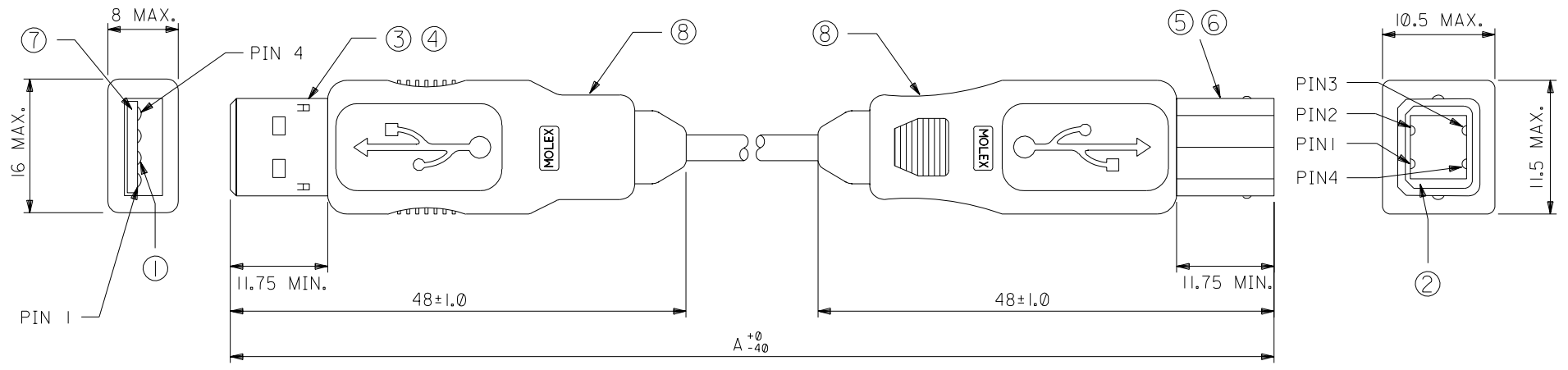
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	DIMENSION UNITS	SCALE		CURRENT REV DESC:				
$\nabla_A = 0$	mm	NTS		EC NO: 651178 DRWN: CWANG49 2020/12/11 CHK'D: CWANG49 2020/12/11 APPR: LHLIU 2020/12/11				
$\nabla_C = 1$	GENERAL TOLERANCES (UNLESS SPECIFIED)							
		MM	INCH					
$\nabla_F = 0$	4 PLACES	±	±					
DIVISIONAL SYMBOLS	3 PLACES	±	±	INITIAL REVISION: DRWN: XHLEI 2006/01/20 APPR: BORON 2006/01/20				
	2 PLACES	±	±					
	1 PLACE	±	±					
	0 PLACES	±	±					
	ANGULAR TOL	±	°	DOCUMENT NUMBER: SD-88732-002 DOC TYPE: PSD DOC PART: 001 REVISION: D				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A4-SIZE	88732	SEE TABLE	GENERAL MARKET	2 OF 2



USB A-B CABLE ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/11	07:30:05
-----------------	----	--------------	------------	----------



BRAID/DRAIN	AWG#20	AWG#28	AWG#28	AWG#20	5.0	5010	88732-9400	4	
	AWG#22	AWG#28	AWG#28	AWG#22	5.0	3340	88732-9300		
	AWG#24	AWG#28	AWG#28	AWG#24	4.7	2090	88732-9200		
	AWG#26	AWG#28	AWG#28	AWG#26	4.2	1320	88732-9100		
	AWG#28	AWG#28	AWG#28	AWG#28	4.2	820	88732-9000		
DRAIN WIRE	BLACK	GREEN	WHITE	RED	ケーブル外径 FINISH DIAMETER		製品番号 MATERIAL NO.	極数 CIRCUITS	
ワイヤーサイズ WIRE SIZE					A	DIMENSIONS:		SHT	REV
							mm INCH		mm ONLY

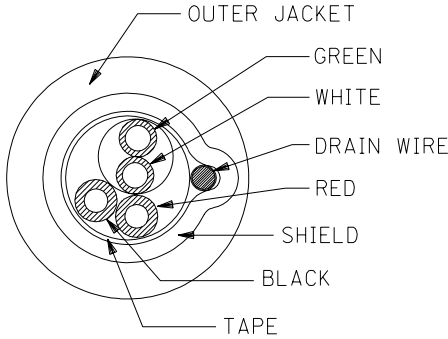
DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED EC NO. JD2000-0857 DRWN: YUKUJIMA '00/02/17 CHK: M.SASAO '00/02/17 APPR: HIKESUGI '00/02/17	MATERIAL 材料 SEE SHEET 2	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 2-1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	TITLE: USB A-B I/O CABLE	MATERIAL NO. DRAWING NO. SHEET NO.
					FINISH 仕上げ SEE SHEET 2	WIRE RANGE 適用電線範囲 SEE CHART	10 UNDER 未満	±0.2	DRAWN BY & DATE <i>Ju. Kojima</i> 2000/02/17	<input type="checkbox"/> mm <input type="checkbox"/> INCH		
					INS. RANGE 被覆外径 SEE CHART	10 OVER 以上	30 UNDER 未満	±0.25	CHECKED BY & DATE <i>H. Sarai</i> 2000/02/17	<input checked="" type="checkbox"/> mm ONLY		
						30 OVER 以上		±0.3	APPROVED BY & DATE <i>H. Sarai</i> 2000/02/17	<input type="checkbox"/> mm ONLY		
						ANGLE 角度		±3°	CAD FILENAME 887329*00.S01	<input type="checkbox"/> mm ONLY		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.											SIZE B	

DWG. NO. SD-88732-9\*00

注記 )  
NOTES.

1. ケーブル構造  
CABLE CONSTITUTION



WIRE COLOR (SIGNAL NAME)	接点 CONTACT NUMBER	
	USB-A	USB-B
RED (V)	#1	#1
WHITE (-DATA)	#2	#2
GREEN (+DATA)	#3	#3
BLACK (GND)	#4	#4
DRAIN WIRE	SHEEL	SHEEL

2. 部品構成  
PART CONSTRUCTION

	部品名 PARTS NAME	材質 MATERIALS	処理 FINISH
①	TERMINAL	銅合金 COPPER ALLOY	接点部 : 金メッキ + パラジウムニッケル CONTACT AREA : GOLD + PALLADIUM-NICKEL
②	HOUSING	GLASS FILLED HEAT RESISTANT PLASTIC + GOLD FLASH COLOR : WHITE	— # —
③	USB-A FRONT SHELL	鋼 STEEL	下地 : 銅めっき、光沢 半田めっき UNDER PLATING : COPPER, LIGHT TIN PLATING
④	USB-A REAR SHELL	鋼 STEEL	下地 : 銅めっき、光沢 半田めっき UNDER PLATING : COPPER, LIGHT TIN PLATING
⑤	USB-B FRONT SHELL	鋼 STEEL	下地 : 銅めっき、光沢 半田めっき UNDER PLATING : COPPER, LIGHT TIN PLATING
⑥	USB-B REAR SHELL	鋼 STEEL	下地 : 銅めっき、光沢 半田めっき UNDER PLATING : COPPER, LIGHT TIN PLATING
⑦	CRIMP HOUSING	GLASS FILLED HEAT RESISTANT PLASTIC + GOLD FLASH COLOR : WHITE	— # —
⑧	OVER MOLD HOUSING	POLYVINYL CHLORIDE COLOR : FROST WHITE	— # —

DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. : JD2000-0857 DRWN: YUKOJIMA '00/02/17 CHK: M.SASAO '00/02/17 APPR: HIKESUGI '00/02/17	MATERIAL 材料 部品構成表参照 SEE PART CONSTRUCTION  FINISH 仕上げ 部品構成表参照 SEE PART CONSTRUCTION	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未満 ±0.2 10 OVER 30 UNDER 未満 ±0.25 30 OVER 以上 ±0.3  WIRE RANGE 適用電線範囲 — # —  INS. RANGE 被覆外径 — # —	SCALE 2-1 DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH THIRD ANGLE PROJECTION <input checked="" type="checkbox"/>	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY SHT REV REVISION ON CAD ONLY	
					DRAWN BY & DATE <i>Su. Kojima</i> '00/02/17 CHECKED BY & DATE H. Sarai '00/02/17 APPROVED BY & DATE <i>H. Sarai</i> '00/02/17 CAD FILENAME 887329*00.S02		TITLE: USB A-B I/O CABLE  MOLEX MOLEX INCORPORATED MATERIAL NO. SEE CHART DRAWING NO. SD-88732-9*00 SHEET NO. 2 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.							SIZE B		

887329\*00.S02.DGN